



**2050  
CliMobCity**  
Interreg Europe



European Union  
European Regional  
Development Fund

# 2050CliMobCity project: introduction

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20 June 2023



# 2050 CliMobCity

## 2050 Climate-friendly Mobility in Cities

2050 CliMobCity is about **climate mitigation** in the field of **urban mobility**.

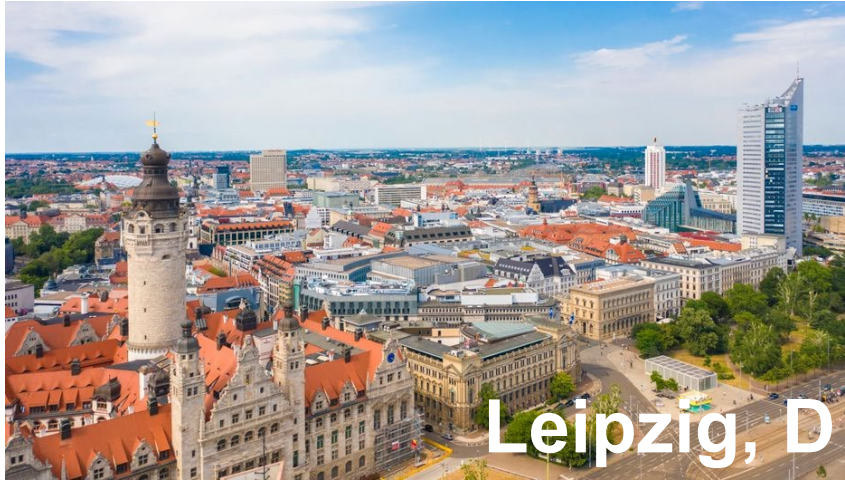
Many cities have formulated ambitious climate aims for 2030 or 2050  
Still, many cities are uncertain about if and how they can achieve these goals.

***How must mobility and the urban structure change to achieve climate-friendly mobility?***

What can cities actually do, what actions could they take?

What can we learn from each-other?

# 2050 CliMobCity



# Project outline

**Action plans**

**Interregional Learning**

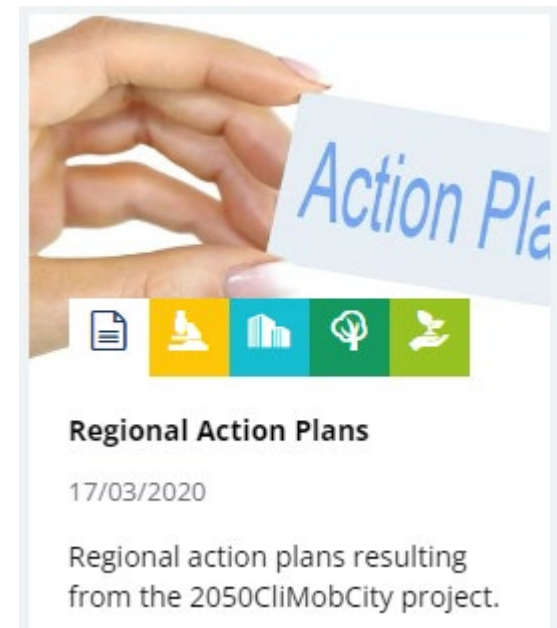
**City Demonstrations**

**Good Practices**

# Action Plans

**“To improve the performance of regional development policies and programs.”**

**“2050 CliMobCity helps policymakers to identify, plan and implement mobility policies that support their long-term climate objectives”**





# Action Plans

## Address regional Policy Instruments

**Concrete actions, to be implemented and monitored during the project runtime**

*Examples of implemented Actions include:*

- concrete implementation of (micro) hubs, charging stations, shared mobility initiatives
- MoUs with living lab initiatives and larger institutions
- scrutinising measures and evaluate effectiveness and potential for policy making, concrete contributions to mobility policies and plans

# Interregional Learning

## **Policy strategies and modelling**

- ‘Triple Access’ concept
- Modelling micro- and on-demand mobility
- Analysing and modelling urban freight transport
- SUMP-Plus approaches

## **Practical implementations and pilots**

- Car sharing and on-demand services
- Advanced parking and traffic management initiatives
- Personalised mobility advice to new inhabitants & Mobilising citizens
- Hub annex charging station locations

# Interregional Learning

Jakub Zawieska (Warsaw School of Economics)

Maria Chatziathanasiou (Hellenic Institute of Transport)

Emilia Smeds (University of Westminster)

Steve Wright (Vectos / SRL)

Andy Hurley (Plymouth Boat Trips)

Robin Berg (LomboXnet)

Marcel Michon (Buck Consultants International)

Jeroen Schutter (Gemeente Amsterdam)

Steven Puylaert (Gemeente Amsterdam)

Luuk Brederode (DAT.Mobility)

Fabian Reitemeyer (PIK Potsdam)

Fritz Reusswig (PIK Potsdam)

Panagiotis Voulellis (Thesi controlled parking system)

Ekki Kreuzberger (Technische Universiteit Delft)

Arjan van Binsbergen (Technische Universiteit Delft)

Niels van Oort (Technische Universiteit Delft)

Glenn Lyons (University of the West of England, Bristol)

Georgios Papastergios (City of Thessaloniki)

Matthijs Kok (Gemeente Utrecht)

Felix Weisbrich (Bezirksamt Friedrichshain-Kreuzberg)

Rosemary Starr (Plymouth City Council)

Viktor Wolff (Taubert Consulting)

Jan Kees Verrest (Gemeente Delft)

Johanna Reinhardt (Clever Shuttle Leipzig)

Johannes Simons (Leipziger Verkehrsbetriebe)

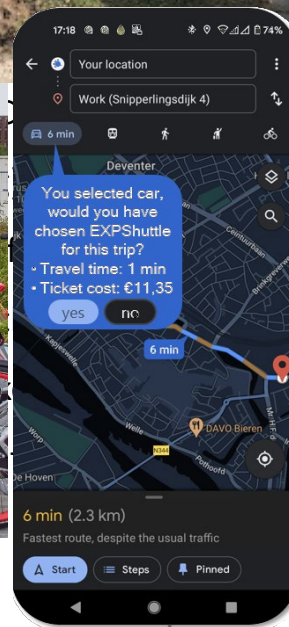
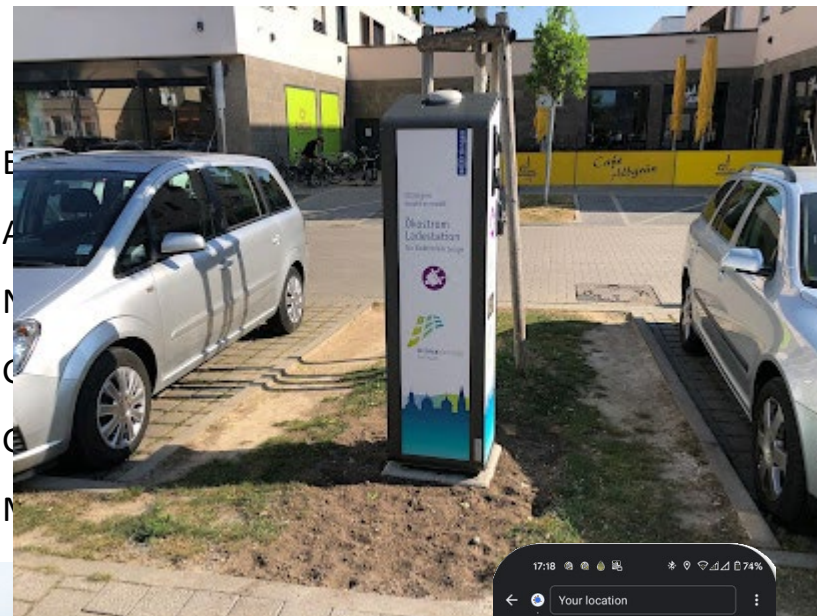
Stefan Werland (Wuppertal Institute)



# Interregional Learning



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# Interregional Learning

Deliverable

1

2050 Climate-friendly  
mobility in cities  
**NEWSLETTER 2 – January 2021**

Welcome to Newsletter 2 of the 2050 CliMobCity project.

We are happy to present you a description of the progress of our project with insightful results of the mobility effects analysis and inspiring reflections on seminar sessions. COVID 19 has changed the way we think about mobility but this for most partners did not lead to results and also to read the summaries of the seminar sessions.

The project team

Ekki Kreutzberger, project coordinator

## 2050 CliMobCity Newsletter

Newsletter 3 – JUNE 2022

Welcome to Newsletter 3 of the 2050 CliMobCity project!

We are happy to present to you the progress of our project with insightful results of the mobility effects analysis and inspiring reflections on seminar sessions.

The mobility effect analysis is a great effort taken by the city partners: on the basis of the earlier defined mobility measure packages, detailed modelling input is generated. Applying advanced models, the cities now have available well-substantiated outcomes that could be very useful in the further policy discussions.

The outcomes also form the basis for carbon emission calculations, their outcomes being the subject of the following newsletter.

The seminars, held during the project meetings, with interesting presentations and meaningful discussion provide a source of inspiration for effective mobility measures, as well as for the cities' Action Plans.

The project team,  
Ekki Kreutzberger, project coordinator

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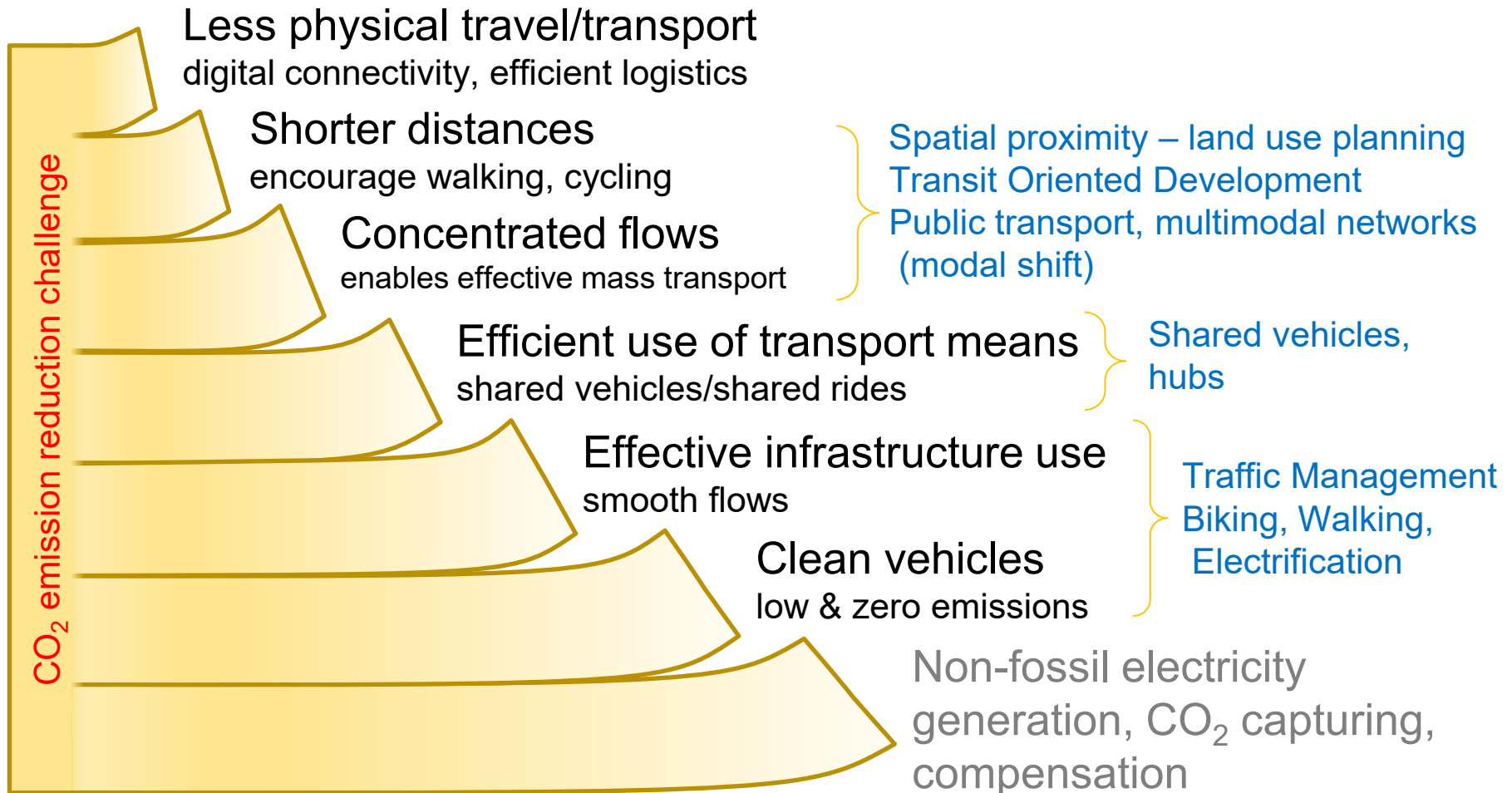
- In this edition:
- The 2050 CliMobCity project goals and approach
  - Estimation of mobility effects in Leipzig, Plymouth, Thessaloniki and Bydgoszcz
  - Seminars
  - Lessons learnt

Personalise  
Mobilising ci

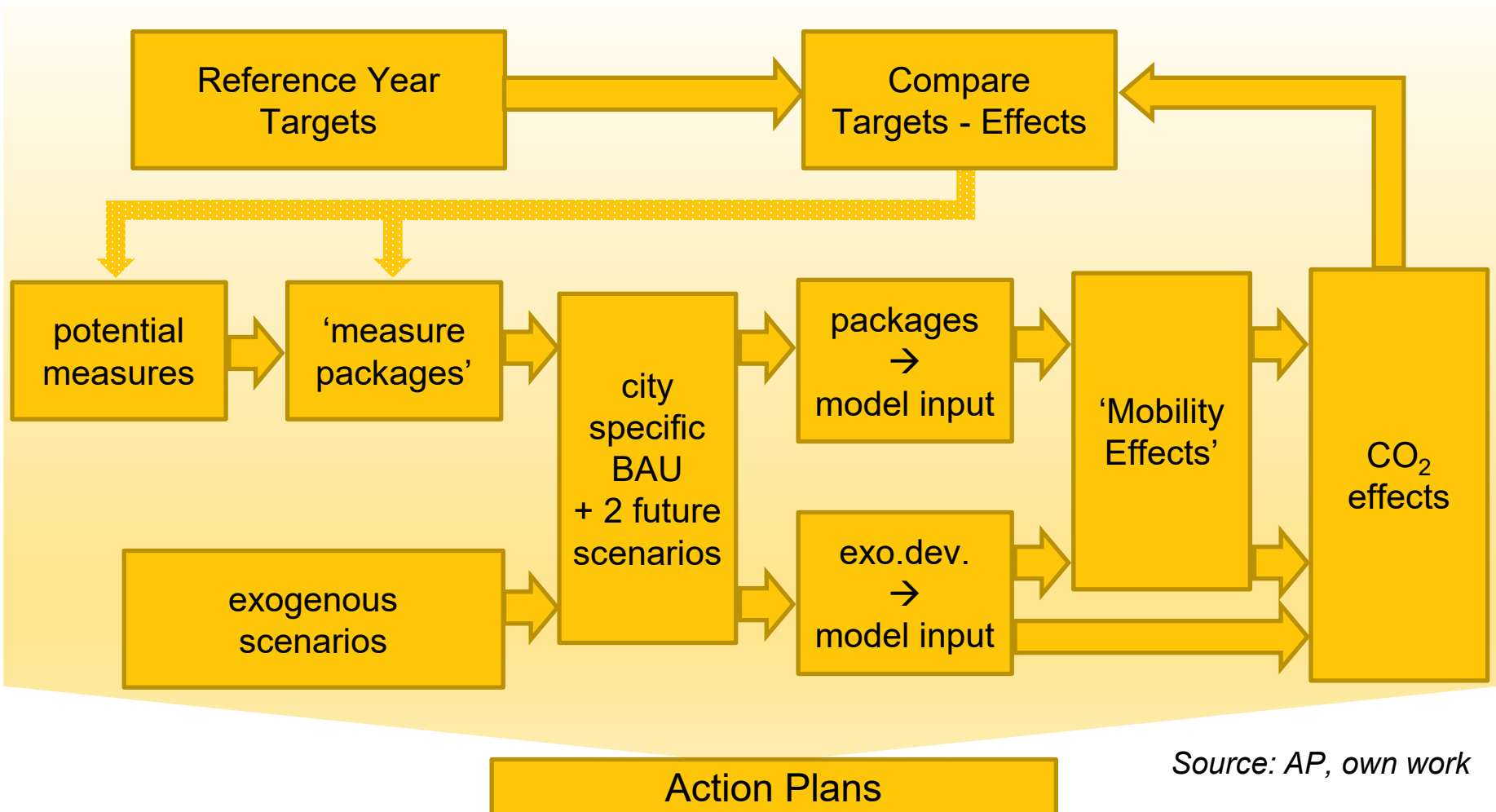
- Hub annex charging stations



# City demonstrations - measures



# City demonstrations - approach



Source: AP, own work

The measure packages are developed by the cities.

The *mobility models* are applied by consultants under the responsibility of cities.

The *CO<sub>2</sub> emission model* is developed and applied by PIK.

In all stages, plans, inputs, approaches, and tentative outcomes are scrutinized by the responsible cities, PIK and TU Delft

# City demonstrations

- significant impact of exogenous developments (technology, economy, demography)
- reference situation hugely impacts potential effect of measures
- a strong quality boost can induce a large modal shift in 'PT poor' agglomerations
- promoting bike can have effects as well, but trips rather than kms
- mobility measures alone can significantly contribute to 2030 climate goals,
- but are by no means sufficient: *electricification* or  $H_2$  needed for carbon zero



# Good Practices



2014 - 2020

## Bydgoszcz: reconstruction of tram & road system and the intelligent transport management system

Construction of tramline in the city center with the extension of the road network, reconstruction of transport system and rolling stock purchase in Bydgoszcz.

18 Oct 2022 | By project 2050 CliMobCity




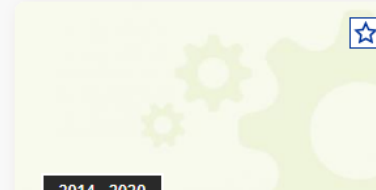
2014 - 2020

## Intelligent Transport System (ITS)

Bydgoszcz ITS are a wide range of technologies and management used in transport to increase the safety of road users, increase the efficiency of the transport.

08 Jul 2022 | By project 2050 CliMobCity

 Expert approved



2014 - 2020

## Thessaloniki Smart Mobility Living Lab-THESSM@LL

THESSM@LL fosters initiatives encouraging transport developments and sustainability of mobility schemes by the provision of novel technologies and innovation.

29 Jun 2022 | By project 2050 CliMobCity



2014 - 2020

## Amsterdam IJburg 1, high performance light-rail and compact urbanism

The residential area Amsterdam IJburg 1 has high densities and is accessed by a fast and high-frequency tramline. The share of car mobility is relative low.

10 Mar 2022 | By project 2050 CliMobCity



2014 - 2020

## The case of Controlled Parking Management in Thessaloniki & its optimization by the CUTLER project

Parking Management in terms of smart cities, sustainable mobility & urban climate change, balancing effectively between economic, environmental & social factors

08 Mar 2022 | By project 2050 CliMobCity



2014 - 2020

## Bi-directional charging cars Utrecht, city-wide roll-out

Utrecht is world's first municipality with the citywide roll-out of a bidirectional charging system for electric cars, a very sustainable electricity system.

04 Mar 2022 | By project 2050 CliMobCity



# Website 2050CliMobCity

## Project News

Sort results by  



### 2050 CliMobCity Final Dissemination Event (update)

08/06/2023

2050 CliMobCity – Final Dissemination Event - Leipzig & online 19-21 June 2023...

Type: Project

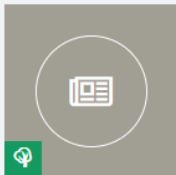


### Cities' Action Plans available

23/09/2022

The 2050CliMobCity city partners developed Action Plans on basis of the project...

Type: Project



### Newsletter 3 (update) & Press release available

23/09/2022

Newsletter 3 for the 2050CliMobCity project gives an overview of the mobility...

Type: Project



### Cities working on measures for low CO2 mobility

21/01/2021



The latest newsletters

[click here!](#)

# Website Good Practices

## Find policy solutions

Search for policy solutions Search

[What is the Policy Learning Platform?](#)

[Submit a good practice](#)

### Good practices

Topics Countries Programme Project 1 Apply filters Reset filters

6 results for filters: Project X

Sort by newest

### Good practices

Explore inspiring and tested policy solutions identified by our cooperation projects.



<https://www.interregeurope.eu/policy-solutions/good-practices>



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thank you!

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